



MISSOURI DEPOSITORY

Pasture/Hayland Seedings

and their suitability for the

Bobwhite Quail

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The following list of seeding recommendations was taken from the Soil Conservation Service (S.C.S.) standards and specifications for Pasture and Hayland Planting. Each seeding is rated as good, fair, or poor in relation to nesting, broodrearing and winter cover for Quail. This information can be used as a guide to help planners, and landowners interested in Quail, choose seedings that will improve areas of habitat deficiency. To make this guide work, the following assumptions have been made.

1. Each planting will be managed according to S.C.S. specifications.
2. Cool-season grass/legume mixtures will have either a 50-foot strip left unmowed around the edge of the field at first cutting, to protect nesting quail, or cutting will be delayed until after July 1st.
3. Some S.C.S. seeding rates may change in the future. However, the ratings for nesting, broodrearing and winter cover should remain similar as long as the vegetation type remains the same.
4. The values assigned to each of the seedings are relative only in regard to other seedings listed.

Compiled By
Don Martin
Wildlife Services Biologist

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Missouri Department of Conservation

QUAIL SEEDING SUITABILITY

Pasture & Hayland Plantings (Meets SCS Specs)	Seeding Rate (PLS)* Lb/Ac	Nesting	Broodrearing	Winter Cover	Climatic Adaptation
1. Bromegrass Alfalfa	7 8	Fair	Fair	Poor	Bromegrass best adapted to North 1/2 of State.
2. Bromegrass Birdsfoot Trefoil	4 4	Fair	Fair	Poor	Bromegrass best adapted to North 1/2 of State.
3. Bromegrass Ladino Clover	4 1	Fair	Fair	Poor	Bromegrass best adapted to North 1/2 of State.
4. Tall Fescue Alfalfa	8 8	Poor	Poor	Poor	Statewide
5. Tall Fescue Birdsfoot Trefoil	5 4	Poor	Poor	Poor	Birdsfoot best adapted to Central and Northern Missouri.
6. Tall Fescue Ladino Clover	8 1	Poor	Poor	Poor	Statewide
7. Tall Fescue Lespedeza Ladino Clover	11 12 1/2	Fair	Poor	Poor	Statewide
8. Tall Fescue Medium Red Clover Ladino Clover	11 7 1/2	Fair	Poor	Poor	Statewide
9. Orchardgrass Alfalfa	4 8	Fair	Fair	Poor	Statewide
10. Orchardgrass Alfalfa Ladino Clover	4 8 1/2	Fair	Fair	Poor	Statewide
11. Orchardgrass Birdsfoot Trefoil Bluegrass (Optional)	2 4 1/2	Good	Fair	Poor	Birdsfoot Trefoil is best adapted to Central and Northern Missouri
12. Orchardgrass Ladino Clover	4 1	Fair	Fair	Poor	Statewide
13. Orchardgrass Lespedeza Ladino Clover	4 12 1/2	Fair	Fair	Poor	Statewide
14. Orchardgrass Medium Red Clover	4 7	Fair	Fair	Poor	Statewide

15. Red Top Lespedeza	3 3	Good	Fair	Poor	Statewide
16. Reed Canarygrass Alfalfa	4 8	Poor	Fair	Poor	Statewide
17. Reed Canarygrass Ladino Clover Alsike Clover	4 1 2	Poor	Fair	Poor	Statewide
18. Reed Canarygrass Medium Red Clover	4 8	Poor	Fair	Poor	Statewide
19. Timothy Alfalfa Ladino Clover	1 1/2 6 1	Good	Good	Fair	Statewide
20. Timothy Birdsfoot Trefoil Bluegrass (Optional)	1 1/2 4 1	Fair	Fair	Poor	Birdsfoot is best adapted to Central and Northern Missouri.
21. Big Bluestem Indiangrass	3 1/2 3 1/2	Fair	Fair	Good	Statewide
22. Orchardgrass	5	Fair	Fair	Fair	Statewide
23. Tall Fescue	12	Poor	Poor	Poor	Statewide
24. Bromegrass	8	Fair	Poor	Poor	North Missouri
25. Bermudagrass	15 Bu/ac	Poor	Poor	Poor	South Missouri
26. Reed Canarygrass	5	Poor	Poor	Poor	Statewide
27. Redtop	4	Fair	Fair	Fair	Statewide
28. Switchgrass	4	Fair	Fair	Good	Statewide
29. Big Bluestem	7	Fair	Fair	Good	Statewide
30. Indiangrass	7	Fair	Fair	Good	Statewide
31. Caucasian Bluestem	2	Poor	Poor	Poor	Statewide
32. Alfalfa	12	Fair	Good	Poor	Statewide
33. Red Clover	10	Fair	Good	Poor	Statewide
34. Lespedeza	20	Poor	Good	Poor	Statewide

Other Mixture Recommendations Through CRP Program Only

1. CP-4						
Big Bluestem	1 1/2					
Indiangrass	1 1/2-4	Good	Good	Good	Statewide	
Little Bluestem	1/2-2					
Sideoats Grama	1-2					
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2. CP-1						
Birdsfoot Trefoil	4					
Bluegrass	3/4	Fair	Poor	Poor	North Missouri	
Tall Fescue	4					
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3. CP-4						
Redtop	1 1/2					
Timothy	1 1/2	Good	Good	Fair	Statewide	
Lespedeza	8					

*PLS—Pure Live Seed

*This list is not complete since it does not cover all possible planting combinations, however there are enough choices to make selection easy for an individual contemplating a planting. If there are questions concerning planting recommendations for **Quail**, contact your nearest Wildlife Services Biologist.*